

# KOMO CNC ROUTER ELECTRICAL REQUIREMENTS

Komo Machine Inc.  
 1 Komo Drive  
 Lakewood, NJ 08701  
 Phone: 1-800-255-5670

**Amp load calculated for: Suzhou ERIC Mechanics and Electronics**  
**Machine Serial Number: 01364-18**  
**Machine Model: Xtreme XL 512**

**Largest motor amp draw at 480 volts = 24.89 amps \***  
**Machine full load amp draw at 480 volts = 42.36 amps \***  
 \* Does not include vacuum pump

Pump Size	VACUUM PUMP REQUIREMENTS		RECOMMENDED PROTECTION SIZE **	
	Voltage	Full Load Amperage	Time Delay (dual element)Fuse	Inverse Time Breaker
10hp Pump	208	31	50	80
10hp Pump	240	27	50	70
10hp Pump	480	13	25	35
10hp Pump	575	11	20	30
25hp Pump	208	72	125	175
25hp Pump	240	63	110	150
25hp Pump	480	31	60	80
25hp Pump	575	26	50	60
40hp Pump	208	115	200	300
40hp Pump	240	99	175	250
40hp Pump	480	50	90	125
40hp Pump	575	42	80	100
40hp Pump	380 50hz	44.4	90	125
50hp Pump	575	53	100	125

\*\* The recommended protection size values are based on the National Electric Code table 430-152. Due to the high inrush current of the vacuum pump, using values lower than the recommended protection may cause nuisance tripping.

The Komo CNC router you have purchased requires 480 volt, 3 phase center grounded wye power.

PLEASE SIZE YOUR SERVICE ACCORDING TO YOUR STATE AND LOCAL ELECTRICAL CODES.

Any change orders resulting in alterations to the machine configuration may affect the full load amp draw. It is the buyers responsibility to contact Komo Machine for the new amp load rating.

(1) 18 hp (13.5 kW) spindle(s) with 1 tool changer(s)